CLAIMS:

1. A multi-piece solid golf ball comprising a solid core
and a cover of two inner and outer layers surrounding the
5 core, the outer cover layer having a surface formed with a
plurality of dimples, characterized in that
   a product of the Shore D hardness of said inner cover
layer multiplied by the Shore D hardness of said outer cover
layer and a proportion V_R (%) of the total of the volumes of
10 dimple spaces each defined below a plane circumscribed by
the dimple edge to the overall volume of a phantom sphere
given on the assumption that the golf ball surface is free
of dimples satisfy any one of the following combinations (1)
to (5):
15 (1) the product of Shore D hardnesses of inner and outer
cover layers: 1,500 to less than 2,000
       V_R: 0.80 to 0.95%
(2) the product of Shore D hardnesses of inner and outer
cover layers: 2,000 to less than 2,500
20   V_R: 0.75 to 0.95%
(3) the product of Shore D hardnesses of inner and outer
cover layers: 2,500 to less than 3,000
       V_R: 0.70 to 0.95%
(4) the product of Shore D hardnesses of inner and outer
25 cover layers: 3,000 to less than 3,500
       V_R: 0.65 to 0.95%
(5) the product of Shore D hardnesses of inner and outer
cover layers: 3,500 to 4,000
       V_R: 0.60 to 0.90%.
30 and said dimples include at least three types of dimples
which are different in at least one of a diameter, a depth,
and a value V_0 which is the volume of one dimple space
defined below a plane circumscribed by the dimple edge
divided by the volume of a cylinder whose bottom is the
35 plane and whose height is the maximum depth of the dimple
from the bottom.

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2.   The multi-piece solid golf ball of claim 1 wherein the
solid core has a distortion of 2.6 to 6.5 mm under an
applied load of 100 kg.

3.   The multi-piece solid golf ball of claim 1 ~~and~~ wherein
both the hardnesses of the inner and outer cover layers are
up to 63 in Shore D hardness.